



NOTES:  
1) THIS DWG REPRESENTS A SUB-GROUP OF COMPONENTS WITHIN THE SEAKEEPER 35 FOUNDATION BILL OF MATERIAL AND DOES NOT NECESSARILY REPRESENT THE ACTUAL ASSEMBLY PROCEDURE. THIS DWG. DOES PROVIDE TECHNICAL INFORMATION REGARDING COMPONENT LOCATION AND FASTENER APPLICATION.  
2) CLEAN ALL MATING SURFACES AND TAPPED HOLES FROM ANY OIL OR DEBRIS.

28  
APPLY **SILI-THANE 803 MARINE SEALANT** UNDER FLANGE HEAD.  
APPLY THREADLOCKER, **LOCTITE #243, BLUE** TO SCREW THREAD  
TORQUE EQUALLY TO **335 IN/LBS.**

19 16  
DETAIL H  
SCALE 1 : 1

APPLY **LOCTITE #243, BLUE**  
TO SCREW THREADS WHEN  
ATTACHING CABLE GUIDE BAND  
TO GIMBAL SHAFT FLANGE  
(2X)

20 21 1  
DURING FINAL ASSEMBLY, REMOVE HARDWARE  
AND APPLY ANTI SEIZE TO BOLT THREADS.  
APPLY **SILI-THANE 803 MARINE SEALANT** UNDER  
FLAT WASHER AND BOLT HEAD.  
TORQUE EQUALLY TO **350 FT/LBS.**  
(4X)

DETAIL J  
SCALE 1 : 3

10 REFERENCE

29  
APPLY **SILI-THANE 803 MARINE SEALANT**  
UNDER FLANGE HEAD.  
APPLY THREADLOCKER, **LOCTITE #243, BLUE**, TO SCREW THREAD  
TORQUE EQUALLY TO **70 IN/LBS.**  
(3X).

16 25 24  
10X 5X 5X  
APPLY THREADLOCKER, **LOCTITE #277, RED**

DETAIL F  
SCALE 1 : 1

12  
SECTION C-C  
SCALE 1 : 6

DETAIL G  
SCALE 1 : 1

16 26 23 22  
(2X)

FOR MOTOR POWER CABLE,  
DRIVE BOX GROUNDING WIRE AND  
DRIVE BOX COOLANT HOSE.

15

7 3/8"

27  
APPLY THREADLOCKER, **LOCTITE #243, BLUE**,  
TO SCREW THREAD AND TORQUE EQUALLY TO **100 FT/LBS.**

TYPICAL TOOLING  
ACCESS HOLES (4X)  
ON BOTTOM SIDE

3  
REFERENCE

4

TYPICAL CLEVIS / GYRO ISOLATION MOUNT  
(4 PLACES)

SECTION B-B  
SCALE 1 : 2

APPLY A FILM OF **MOBIL-GREASE XHP 222** AROUND THESE SURFACES  
OF ITEM 13 AND THE BORES OF ITEM 3 PRIOR TO INSTALLATION.  
(8X)

11 2X

6 2X

18 2X

5

13 2X

4

VIEW LOOKING UPWARD

30  
TYPICAL CABLE GUIDE BAND  
(2 PLACES)

10

9

10

32	70054	THREADLOCKER, LOCTITE #243, BLUE	---	AR	
31	70031	THREADLOCKER, LOCTITE #277, RED	---	AR	
30	70021	GREASE, BLUE, MOBIL-GREASE XHP 222	---	AR	
29	60370	SCREW, HEX HD FLANGED M6-1 X 12MM FULL TD	18-8 STAINLESS	6	
28	60366	SCREW, HEX HD FLANGED M10-1.5 X 20MM FULL TD	18-8 STAINLESS STEEL	4	
27	60364	SCREW, HEX HD FLANGE, M12X1.75, 40MM LG, FULL THRD	ZNC PLTD STEEL	16	
26	60177	SCREW, PHILLIPS HD PAN 8-32 X 0.63	18-8 SS	4	
25	60164	NYLOCK HEX NUT, #6-32	18-8 SS	10	
24	60163	SCREW, PHILLIPS HD PAN 6-32 X 0.25	18-8 SS	10	
23	60162	FLAT WASHER, #8 SS	316 SS	4	
22	60161	NUT, NYLOCK HEX 8-32	18-8 SS	4	
21	60144	WASHER, SPLIT LOC	18-8 STAINLESS STEEL	4	
20	60143	WASHER, FLAT SAE 1" ID	18-8 SS	4	
19	60087	SCREW, PHILLIPS HD PAN 8-32 X 0.38	18-8 SS	4	
18	40371	EXTERNAL RETAINING RING	316 STAINLESS STEEL	8	
17	40250	SILI-THANE 803 MARINE SEALANT	---	AR	
16	40208	CABLE TIE MOUNT, PLASTIC, #8 SCREW	PLASTIC	28	
15	30016	LARGE CLICK BOND WIRE TIE ANCHOR	COMPOSITE	2	
14	30015	SMALL CLICK BOND WIRE TIE ANCHOR	COMPOSITE	2	
13	11123	SEAKEEPER 35, FOUNDATION ISOLATION BUSHING	URETHANE	8	
12	11072	SEAKEEPER 35, CABLE GUIDE BAND	301 STAINLESS STEEL	2	
11	11063	SEAKEEPER 35, ISOLATION MOUNT PIN WASHER	COMPOSITE	8	
10	11061	SEAKEEPER 35, CABLE GUIDE BAND MOUNTING BRACKET, RIGHT SIDE	5052 ALUMINUM	1	
9	11060	SEAKEEPER 35, CABLE GUIDE BAND MOUNTING BRACKET, LEFT SIDE	5052 ALUMINUM	1	
8	11054	SEAKEEPER 35, CROSSMEMBER ASSEMBLY	5052 ALUMINUM	1	
7	11025	SEAKEEPER 35, RIGHT SIDE BRAKE MOUNT	6061-T6 (T651) ALUMINUM	1	
6	11010	SEAKEEPER 35, ISOLATION PIN RETAINING WASHER	STAINLESS STEEL	8	
5	11009	SEAKEEPER 35, FOUNDATION ISOLATION MOUNT PIN	17-4PH TGP ROD	4	
4	11008	SEAKEEPER 35, FINISH MACHINED CLEVIS	A356 CAST ALUMINUM	4	
3	11006	SEAKEEPER 35, WELDED FOUNDATION ASSEMBLY	---	1	
2	10908	SEAKEEPER 35 GYRO LEFT SIDE BRAKE MOUNT	6061-T6 (T651) ALUMINUM	1	
1	10506	SCREW, HEX HD CAP 1-12 X 4.25 PART TD	STEEL, ZINC PLTD GRD5	4	
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	QTY.	NOTE

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NAME:

SEAKEEPER 35 FOUNDATION SUB-SYSTEM,  
SERVICE REFERENCE

WEIGHT - LBS.: 365  
MATERIAL: SEE BOM

DRAWN: PRA  
DATE: 18AUG2014  
ENG APPR: BRD  
DATE: 18AUG2014  
PROD APPR:

DWG NUMBER: 11126-SP  
REV. NO. / SHEET NO.: 1 / 1 OF 1